

**I claim**

1. A carriage module for a scanner, comprising

a case;

an image sensor arranged in the case;

5 a mirror set arranged in the case and used to guide a reflected light from a document to be scanned to the image sensor;

a lens set placed between the image sensor and the mirror set and used to focus the reflected light from the document to the image sensor;

10 the case composed of a first shell and a second shell, wherein the second shell has a larger length than that of the first shell, the second shell is movably arranged in the first shell and can be moved along a horizontal direction.

2. The carriage module as in claim 1, further comprising a light source atop the case.

15 3. The carriage module as in claim 1, wherein the image sensor is a charge coupled device (CCD).

4. The carriage module as in claim 1, wherein the mirror set comprises a plurality of reflection mirrors in the case.

5. The carriage module as in claim 1, wherein the lens set comprises a lens.

20 6. The carriage module as in claim 1, wherein the lens set further comprises focusing unit to refocus the reflected light.